

COMMUNICATION EQUIPMENT AND ITS METHOD

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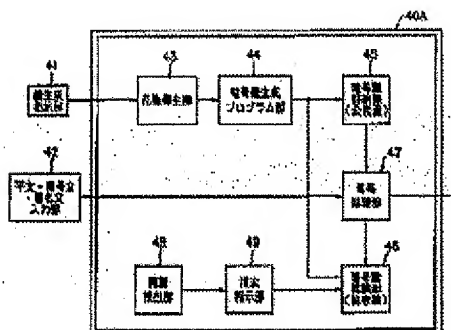
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Abstract of JP9261217

PROBLEM TO BE SOLVED: To generate the key of an open key password without requiring a specified device by providing a means for generating an open key required to inspect a secret key necessary for a signature and the signature inside damper mechanism.

SOLUTION: In a device where ciphered digital data is received, the reception is proved by utilizing the digital signature and ciphered digital data is decoded and processed, a random number generating part 43 and a password key generating program part 44 generate the key of the open key password in accordance with an instruction from a key generation indicating part 41. An open key storing part 45 storing a decoding key for decoding ciphered digital data, a secret key storing part 46 storing a decoding key for decoding ciphered digital data and a password processing part 47 decoding ciphered digital data are arranged inside damper mechanism from which data is not taken out so as to prevent the illegal copying of digital data. The means for generating the necessary open key in order to inspect the secret key required for the signature and the signature is provided inside damper mechanism.



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